

Claims

1. A Hypertext Markup Language document transmittable to computer controlled display stations from locations remote from said display stations comprising:

- a first set of natural language data conveying a first version of information of a particular content displayable to users at said display stations,
- a first set of tags identifying said first set of natural language data,
- a second set of natural language data conveying a second version of condensed displayable information of the same particular content displayable to users of personal palm-type display computers connected to said remote locations, and
- a second set of tags identifying said second set of natural language data.

2. The Hypertext Markup Language document of Claim 1 wherein said natural language data comprises text data.

3. The Hypertext Markup Language document of Claim 1 wherein said natural language data comprises image data.

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1 4. In a World Wide Web communication network with user
2 access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents containing information of a
5 particular content represented by text and images, a
6 system for condensing the displayed text/image
7 representations of said particular content to the smaller
8 dimensions of personal palm-type computer displays
9 accessing said World Wide Web network comprising:
10 a source on said World Wide Web for transmitting a
11 Hypertext Markup Language document including:
12 a first set of natural language data conveying
13 a first version of information of a particular
14 content displayable to users at said receiving
15 display stations, and
16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations; and
21 a personal palm-type display computer with access to
22 the World Wide Web including:
23 means for accessing said second set of natural
24 language data from a received Hypertext Markup
25 Language document.

1 5. The system of Claim 4 wherein said Hypertext Markup
2 Language document further includes:
3 a first set of tags identifying said first set of
4 natural language data, and
5 a second set of tags identifying said second set of
6 natural language data.

1 6. The system of Claim 5 wherein said means whereby said
2 personal palm computer accesses the World Wide Web
3 comprises:

4 a browser associated with said personal palm
5 computer including:

6 means responsive said second set of tags to transmit
7 said second set of natural language data to said personal
8 palm computer.

1 7. The system of Claim 5 further including:

2 a receiving display station associated with said
3 personal palm-type display computer, and

4 means whereby said personal palm computer accesses
5 said World Wide Web through said receiving display
6 station.

1 8. The system of Claim 7 wherein said means whereby said
2 personal palm computer accesses the World Wide Web
3 comprises:

4 a browser for said associated receiving display
5 station including:

6 means responsive to said second set of tags to
7 transmit said second set of natural language data to said
8 personal palm computer.

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1 9. In a World Wide Web communication network with user
2 access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents containing information of a
5 particular content represented by text and images, a
6 method for condensing the displayed text/image
7 representations of said particular content to the smaller
8 dimensions of personal palm-type computer displays
9 accessing said World Wide Web comprising:
10 transmitting from a source on said World Wide Web, a
11 Hypertext Markup Language document including:
12 a first set of natural language data conveying
13 a first version of information of a particular
14 content displayable to users at said receiving
15 display stations, and
16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations; and
21 accessing the World Wide Web with a personal palm-
22 type display computer including the step of:
23 accessing said second set of natural language
24 data from a received Hypertext Markup Language
25 document.

1 10. The method of Claim 9 wherein said Hypertext Markup
2 Language document further includes:
3 a first set of tags identifying said first set of
4 natural language data, and
5 a second set of tags identifying said second set of
6 natural language data.

- 1 11. The method of Claim 10 further including:
2 accessing the World Wide Web through a browser
3 including the step of transmitting said second set of
4 natural language data to said personal palm computer
5 responsive to said second set of tags.
- 1 12. The method of Claim 9 wherein the network further
2 includes a receiving display station associated with said
3 personal palm-type display computer, and the method
4 includes:
5 the further step of accessing the World Wide Web by
6 said personal palm computer through said associated
7 receiving display station.
- 1 13. The method of Claim 12 wherein said step of
2 accessing the World Wide Web by said personal palm
3 computer comprises:
4 accessing the World Wide Web through a browser for
5 said associated receiving display station including the
6 step of:
7 transmitting said second set of natural language
8 data to said personal palm computer responsive to said
9 second set of tags.

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1 16. The computer program of Claim 15 wherein said means
2 whereby said personal palm computer accesses the World
3 Wide Web comprises a browser including:

4 means responsive said second set of tags to transmit
5 said second set of natural language data to said personal
6 palm computer.

1 17. The computer program of Claim/15 wherein said
2 network further includes:

3 a receiving display station associated with said
4 personal palm-type display computer, and

5 means whereby said personal palm computer accesses
6 said World Wide Web through said receiving display
7 station.

1 18. The computer program of Claim 17 wherein said means
2 whereby said personal palm computer accesses the World
3 Wide Web comprises:

4 a browser for said associated receiving display
5 station including:

6 means responsive said second set of tags to transmit
7 said second set of natural language data to said personal
8 palm computer.

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1 19. In a World Wide Web communication network with user
2 access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents containing information of a
5 particular content represented by text and images, a
6 system for condensing the displayed text/image
7 representations of said particular content to the smaller
8 dimensions of personal palm-type computer displays
9 accessing said World Wide Web network comprising:
10 a source on said World Wide Web for transmitting a
11 Hypertext Markup Language document including:
12 a first set of natural language data conveying
13 a first version of information of a particular
14 content displayable to users at said receiving
15 display stations, and
16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations.

1 20. The system of Claim 18 wherein said Hypertext Markup
2 Language further includes:
3 a first set of tags identifying said first set of
4 natural language data, and
5 a second set of tags identifying said second set of
6 natural language data.

s via a plurality of data processing stations, including active receiving display stations, to receive and display hypertext documents containing particular content represented by text and graphics, and for condensing the displayed text and graphics into presentations of said particular content in a condensed form. In some embodiments of personal palm-type computers, the method comprising said World Wide Web comprising a network of computers transmitting from a source on said network a hypertext Markup Language document including a first set of natural language data, and a first version of information of said particular content displayable to users at said display stations, and a second set of natural language data, and a second version of condensed displayable information of the same particular content displayable to users of personal computers connected to said remote source.

The method of Claim 20 wherein said source further includes:

- a first set of tags identifying said particular natural language data, and
- a second set of tags identifying said condensed displayable information of the same particular natural language data.

1 22. The method of Claim 20 wherein said Hypertext Markup
2 Language further includes:
3 a first set of tags identifying said first set of
4 natural language data, and
5 a second set of tags identifying said second set of
6 natural language data.

1 23. In a World Wide Web communication network with user
2 access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents containing information of a
5 particular content represented by text and images, a
6 system for condensing the displayed text/image
7 representations of said particular content to the smaller
8 dimensions of personal palm-type computer displays
9 accessing said World Wide Web network comprising:

10 A Hypertext Markup Language document on the World
11 Wide Web including:

12 a first set of natural language data conveying
13 a first version of information of a particular
14 content displayable to users at said receiving
15 display stations, and

16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations; and
21 a personal palm-type display computer with access to
22 the World Wide Web including:

23 means for accessing said second set of natural
24 language data from a received Hypertext Markup
25 Language document.

1 24. The system of Claim 22 wherein said Hypertext Markup
2 Language document further includes:

3 a first set of tags identifying said first set of
4 natural language data, and

5 a second set of tags identifying said second set of
6 natural language data.

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1 25. The Hypertext Markup Language document of Claim 1
2 further including:

3 at least one additional set of natural language data
4 conveying an additional version of condensed displayable
5 information of the same particular content displayable to
6 users of other personal palm-type display computers
7 connected to said remote locations, and

8 at least one additional set of tags identifying said
9 at least one additional set of natural language data.

1 26. The system of Claim 5 wherein the Hypertext Markup
2 Language document further includes:

3 at least one additional set of natural language data
4 conveying an additional version of condensed displayable
5 information of the same particular content displayable to
6 users of other personal palm-type display computers
7 connected to said remote locations, and

8 at least one additional set of tags identifying said
9 at least one additional set of natural language data.

1 27. The method of Claim 10 wherein the Hypertext Markup
2 Language document further includes:

3 at least one additional set of natural language data
4 conveying an additional version of condensed displayable
5 information of the same particular content displayable to
6 users of other personal palm-type display computers
7 connected to said remote locations, and

8 at least one additional set of tags identifying said
9 at least one additional set of natural language data.

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1 28. The computer program of Claim 15 wherein the
2 Hypertext Markup Language document further includes:
3 at least one additional set of natural language data
4 conveying an additional version of condensed displayable
5 information of the same particular content displayable to
6 users of other personal palm-type display computers
7 connected to said remote locations, and
8 at least one additional set of tags identifying said
9 at least one additional set of natural language data.

1 29. The Hypertext Markup Language document of Claim 1
2 wherein said first set of natural language data includes
3 a portion of said second set of natural language data.

1 30. The system of Claim 5 wherein said first set of
2 natural language data includes a portion of said second
3 set of natural language data.

1 31. The method of Claim 10 wherein said first set of
2 natural language data includes a portion of said second
3 set of natural language data.

1 32. The computer program of Claim 14 wherein said first
2 set of natural language data includes a portion of said
3 second set of natural language data.

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1 33. The system of Claim 6 further including:
2 a proxy server associated with said browser for
3 transmitting proxy condensed versions of Web HTML
4 documents to personal palm-type computers, and
5 means for overriding said proxy servers to thereby
6 permit the accessing by said palm-type computers of said
7 second set of natural language data conveying said second
8 version of condensed displayable data.

1 34. The method of Claim 11 including the further steps
2 of:
3 normally providing a condensed version of Web HTML
4 documents to personal palm-type computers, and
5 overriding said proxy servers to thereby permit the
6 accessing by said palm-type computers of said second set
7 of natural language data conveying said second version of
8 condensed displayable data.

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